

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A composition comprising Mycobacterium w and/or [[its]] constituent(s) thereof as an adjuvant and and/or an antigen (-s) in a pharmaceutically acceptable carrier eliciting enhanced antigen associated immune response.
2. (Currently amended) A composition as claimed claim 1, further comprising contains other adjuvants.
3. (Currently amended) A composition as claimed in claim 1, ~~and 2 are~~ wherein the Mycobacterium w comprises a killed Mycobacterium w.
4. (Currently amended) A composition as claimed in ~~claims claim 3, 4 to 3~~ claim 3, 1 to 3 wherein the killed Mycobacterium w is killed by heat, radiation, preferably by autoclaving.
5. (Currently amended) A composition as claimed in claim 1, ~~and 2~~ wherein the constituent(s) of Mycobacterium w is/are obtained by sonication.
6. (Currently amended) A composition as claimed in claim 1, ~~and 2~~ wherein the constituent(s) of Mycobacterium w is/are obtained by high pressure cell fractionator.
7. (Currently amended) A composition as claimed in claim 1, ~~and 2~~ wherein the constituent(s) of Mycobacterium w is/are obtained by osmotic pressure ingredient.
8. (Currently amended) A composition as claimed in claim 1, ~~and 2~~ wherein the constituent(s) of Mycobacterium w is/are obtained from the Mycobacterium w by extraction.
9. (Currently amended) A composition as claimed in claim 1, ~~and 2~~ wherein the constituent(s) of Mycobacterium w is/are extracted from the Mycobacterium w by organic solvents.
10. (Currently amended) A composition as claimed in claim 1, ~~2, 8, 9~~ wherein the constituent(s) of Mycobacterium w is/are extracted using solvents selected from the group consisting of chloroform, ethanol, methanol, acetone, phenol, isopropyl alcohol, acetic acid, urea, and hexane etc.
11. (Currently amended) A composition as claimed in claim 1, ~~and 2~~ wherein the constituent(s) of Mycobacterium w is/are obtained by enzymatic treatment.
12. (Currently amended) A composition as claimed in claim 1, ~~2 and 11~~ wherein the constituent(s) of Mycobacterium w is/are obtained by ~~use of~~ using enzyme lyticase and/or pronase

13. (Currently amended) A composition as claimed in claim 1, ~~to 12~~ wherein the constituent(s) of Mycobacterium w is/are preferably water insoluble.

14. (Currently amended) A composition as claimed in claim 1, ~~to 13~~ wherein the Mycobacterium w is a non-pathogenic, fast growing, cultivable, atypical Mycobacterium, with biochemical properties and growth characteristics resembling those belonging to Runyons group IV class of Mycobacteria.

15. (Currently amended) A composition as claimed in claim 1, ~~to 14~~ wherein the Mycobacterium w is urease negative, does not hydrolyse tween 80, does not produce niacin, and provides positive response to nitrate reduction test.

16. (Currently amended) A composition as claimed in claim 1, ~~to 15~~ wherein the Mycobacterium w and/or constituents thereof are mixed, formulated, conjugated, primed, fused and/or linked with an antigen.

17. (Currently amended) A composition as claimed in claim 1, ~~to 16~~ wherein the antigen(s) is selected from the group consisting of one or more peptides, one or more polypeptides, one or more cells, one or more cell extracts, one or more polysaccharides, one or more polysaccharide conjugates, one or more lipids, one or more glycolipids, one or more carbohydrates, one or more proteins, one or more viruses, one or more viral extracts, and one or more antigen encoded in nucleic acids.

18. (Currently amended) A composition as claimed in claim 1, ~~to 16~~ wherein the antigen(s) is derived from an infectious agent selected from the group consisting of virus, bacterium, fungus and parasites.

19. (Currently amended) A composition as claimed in claim 1, ~~to 16~~ wherein the antigen(s) is a tumor associated antigen.

20. (Currently amended) A composition as claimed in claim 1, ~~to 16~~ wherein the antigen is a tumor specific antigen.

21. (Currently amended) A composition as claimed in claim 1, ~~to 16~~ wherein the antigen(s) is an allergen.

22. (Currently amended) A composition as claimed in ~~above claims~~ claim 1, wherein the composition when administered to a mammal induces or enhances immunogenicity of antigen(s).

23. (Currently amended) A composition as claimed in ~~above claims~~ claim 1, wherein the composition prevents diseases in mammal by inducing or enhancing immunogenicity of antigen(s).

24. (Currently amended) A composition as claimed in ~~above claims~~ claim 1, wherein the composition when administered to a diseased mammals induces or enhances immunogenicity of antigen (s) resulting in decreased morbidity & mortality associated with disease.

25. (Currently amended) A composition as claimed in ~~above claims~~ claim 1, wherein the composition when combined with ~~other therapies~~ another therapy to a diseased mammal induces or enhances immunogenicity of an antigen (s) resulting in decreased morbidity and morlatity associated with diseases by inducing or enhancing immunogenicity of an antigen(s).

26. (Currently amended) A composition as claimed in claim 1, wherein the composition induces an ~~to 21 is useful in inducing faster~~ immune response.

27. (Canceled)

28. (Canceled)

29. (Currently amended) Mycobacterium w ~~& / or~~ and/or its a constituent thereof as are an adjuvant to an antigen (s).